BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Tender Enquiry No: BESCOM/2024-25/SE0226 dated 28.11.2024

SECTION-I

INVITATION FOR BIDDERS

Supply, Install, Test, Commission and Integration of Communication Equipment for SCADA operations of SPB with Control Centers equipment and remote devices pertaining to North zone of BMAZ

Issued By

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SECTION-I

INVITATION FOR BIDDERS

1. BRIEF DESCRIPTION

The General Manager (DAS) on behalf of Bangalore Electricity Supply Company Limited (BESCOM) invites tender for **"Supply, Install, Test, Commission and Integration of Communication Equipment for SCADA operations of SPB with Control Centres equipment and remote devices pertaining to North zone of BMAZ"**

1. Tender Enquiry No.	BESCOM/2024-25/SE0226 dated 28.11.2024
2. Name of the Work	Supply, Install, Test, Commission and Integration of Communication Equipment for SCADA operations of SPB with Control Centres equipment and remote devices pertaining to North zone of BMAZ
3. Amount Put to tender	Rs. 10,38,15,860/- exclusive of Taxes (Rupees Ten Crores Thirty Eight Lakhs Fifteen Thousand Eight Hundred and Sixty Only)
4. Tender processing fee	Refer KPP website www.kppp.karnataka.gov.in
5. Earnest Money Deposit	Rs.15,00,000/-. (Rupees Fifteen Lakhs Only)
6. Validity of tender	180 Days
7. Type of tender	Two tender document system
Tender Schedule	
8. Date of availability of Bids in KPP portal	**02-12-2024, 16:00 Hours** Onwards
9. Last date and Time for submission of queries	**12-12-2024 up to 11:00 Hours**
10. Date of Pre-bid meeting	**12-12-2024 at 11:00 Hours**
10. Last date and Time for submission of Bid	**01-01-2025 up to 16:00 Hours**
11. Date and Time of opening of Technical bid	**03-01-2025, 11:00 Hours** Onwards
12. Date and time of opening of Price Bid	Will be opened after the completion of technical evaluation
13. General Terms and Conditions	Enclosed herewith
14. Scope of the work	Enclosed herewith

2. SCOPE OF THE WORK

The scope of work includes design, supply, installation, commissioning and integration of all hardware and software that shall establish a properly functioning Communications System providing reliable, secure, and efficient data communications in support of the DAS operations. In this respect, the intent is to create an integrated communications network that, together with the DAS, shall ensure the lowest achievable latencies and highest speed of data throughput given the constraints of the technology and protocols used for the delivery of data.

The scope covers Networking equipment at Control Centre (Both HSR Layout and Rajajinagar) and equipment at 809 Nos. of remote sites pertaining to North Zone of BMAZ

3. QUALIFYING REQUIREMENTS

The essential minimum qualifying requirements are as under;

Sl. No	Qualifying Criteria	Documents to be uploaded
1	The Bidder should be in existence as any of the following: a) Company incorporated in India under the Companies Act, 1956/2013 including any amendment thereto;	1. Certificate of Incorporation issued by Registrar of Companies as per Companies Act 1956/2013 along with Memorandum of Association and Articles of Association of the Company. 2. Annual filings (E-Forms AOC-4, MGT-7) filed by the Company to Registrar of Companies (Ministry of Corporate Affairs, Government of India) for preceding two Financial Years. 3. Declaration from Directors of the Company stating that they are not disqualified to be a Director of the Company along with the list of Companies in which they are Directors as on the date of inviting tender (s).
	b) LLP incorporated in India under the Limited Liability Partnership (LLP) Act, 2008 including any amendment thereto;	1. Certification of Incorporation issued by Registrar of Companies as per LLP Act 2008. 2. Limited Liability Partnership Agreement of LLP. 3. Form 11-Annual Return filed by LLP to Registrar of Companies (Ministry of Corporate Affairs, Government of India) for preceding two Financial Years.
	c) Partnership Firm under Partnership Act, 1932 in India;	1. Partnership Deed, GST Registration Certificate. 2. Shops & Establishment Registration Certificate, as applicable.
	d) Sole Proprietorship Concern	1. PAN/GST Registration Certificate.
2	The bidder should have experience in executing Electrical distribution network works in the last five years (FY 2019-20	Bidder shall upload Purchase Orders or Detailed Work Awards.

	to 2023-24) and experience in maintaining DAS enabled equipment in distribution network in any government electric utility in India in the last two years(FY 2022-23 to 2023-24) for value not less than **80%** estimated tender value in any one of last five years. OR The bidder should have experience in Delivering communication System for any IoT project as a system integrator in the last five years (FY 2019-20 to 2023-24) for value not less than **80%** estimated tender value in any one of last five years.	
3	The bidder should possess a MOU with the OEMs of the remote end equipment provider.	MOU executed by the bidder and the OEMs to be uploaded along with Power of Attorney.
4	Manufacture of the Remote End Equipment should have ISO 9001 certificate.	Valid ISO 9001 certificate should be submitted
5	The Bidder / OEMs should have satisfactorily Delivered one communication solution for any SCADA/IT/OT projects value not less than **50% of amount put to tender in one work in any one year.**	Detailed Work Award and Performance Certificate to be uploaded.
6	Bidders who meet the above criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under: Assessed available tender capacity = (A*N*1.5-B) Where A = Maximum value of work executed in any one year during the last five years (updated to FY2023-24 price level), taking into account the completed as well as works in progress. N = Number of years prescribed for completion of works for which tenders are invited. B= Value, at FY23-24 price level, of existing commitments and on-going works to be completed during the next 2 years.	Bidder shall upload the statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works as per the format prescribed in the Techno-Commercial sheet. The bidder shall note that the value of pendency of work should be considered based on financial progress achieved in the particular work as on the date of bid submission.
7	The Annual turnover of the bidder shall not be less than Rs. 10.02 Crores (5.51 Cr per year * 2) in at least any two	Bidder shall upload certified copies of audited financial statements providing the turnover details for the last five preceding financial years viz.

	financial years of the last five financial years (2018-19 to 2022-23).	FY 2018-19 to FY 2022-23. The bidder shall submit a certified copy of audited balance sheet and Profit & Loss statement for the preceding five years.
8	The Liquid Assets as on last date of previous month of tender or at a later date before submission of the bid consisting of Cash at Bank + Term Deposits + availability of fund based credit facility in any Nationalized/scheduled Bank shall not be lesser 25% of amount put to tender.	The cash at Bank, Bank Deposits and availability of fund based credit facilities shall be supported by a certificate issued by Nationalized/ Scheduled Bank shall be uploaded in the format as per annexure If the Bidder has banking with more than one Bank, then the available liquid assets balance mentioned above on a particular date i.e., as on as on last date of previous month of tender or any date before submission of bids shall be the same date and time for all the banks. The cash at Bank, Term Deposits and the availability of fund based credit facility shall be supported by a certificate issued by any Nationalized/Scheduled Bank with whom the Bidder is having banking facilities in the format as per annexure. In case of Fund based credit facility, the certificate issued by the Nationalized/Scheduled Bank duly mentioning sanctioned limits, funds utilized so far and balance available as on as on last date of previous month of tender or at a later date, before submission of the bid is to be uploaded as per Annexure duly indicating Tender Enquiry No.
9	The Bidder must **not have DEFAULTED** in supplies against Purchase Orders placed by any Electrical Utility PSU/GOVT Departments.	Self-Declaration by the Bidder on Rs. 500/- notarized Stamp Paper shall be uploaded.
10	The Bidder should upload a declaration stating that the firm has **not been BLACKLISTED** in supplies against Purchase Orders placed by any Electrical Utility/ PSU/ GOVT Departments as on the date of bid submission.	Self-Declaration by the Bidder on Rs. 500/- notarized Stamp Paper shall be uploaded.
11	Any Bidder from a **country which shares land with India will be eligible** to bid in this tender only if the Bidder is	Registration certificate issued by the competent authority shall be uploaded.

	registered with the Competent Authority.	
12	A certificate for having read the clauses required to be submitted/ uploaded by the tenderer separately in the following format: "**I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I certify that this Bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this Bidder fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)**"	Self-Declaration by the Bidder on Rs. 500/- notarized Stamp Paper shall be uploaded.

General Requirements:

Sl. No	Qualifying Criteria	Documents to be uploaded
01	Even though the Bidders meet the above criteria, they are subject to be disqualified if they have: a) made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or b) record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or c) participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification;	The bidder shall upload notarized Self-declaration on Rs. 500/- stamp paper as per the enclosed format. General Requirements shall be combined in One notarized Self-declaration on Rs. 500/- stamp paper.
02	Litigation History: Bidder should provide detailed information on any litigation or arbitration arising out of contracts completed or under execution by it over the preceding five years i.e. FY 2019-20, 2020-21, 2021-22, 2022-23 and 2023-24. A consistent history of awards involving litigation against the Bidder may result in rejection of Bid.	

4. RESPONSIBILITIES UNDER THE CONTRACT

The contractor will be responsible for the following during the period of contract.

a) Supply, Installation, Commission and Integration of networking equipment at control centers (HSR layout and Rajajinagar) and communication equipment at SPBs installed at the head end of 11kV feeders in North Zone of BMAZ.

b) All interactions with other agencies and third parties like the basic service provider during the concurrency of contract, which may be required for the provisioning of services as per contract.

c) Cooperation of different contractors as they work with the Employer in a combined effort to attain the objectives of the project. Commissioning in particular requires contractors to work in full cooperation with SPB RTU and South Zone Communication equipment provider.

d) Demonstration of the bandwidth availability to the BESCOM as and when required.

e) Location Survey to be carried out and report along with execution plan for timely completion of project in 18 months

e) The Bandwidth should be on 1:1 from Telecom Provider Gateway.

f) Contractor will be responsible to coordinate and configure internal network to external network of BESCOM.

g) Installation, commissioning, configuring of the link and hardware (Mux/Modem/Firewall/Router etc). The defects, if any shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours.

h) Reports for performance, monitoring /usage to be submitted by the Contractor on monthly basis or as per requirement of BESCOM.

i) Any other points as mentioned in Technical Specification clause no.2

5. ADDITIONAL INFORMATION

a) The interested eligible Bidders may obtain further information from the O/o The General Manager (DAS), BESCOM Integrated Control Centre-1, 24th main, 17th cross, Sector-2, HSR Layout, Bangalore-560102. Telephone number 080-22586356.

b) Issues on which clarifications are sought by the Prospective Bidders shall be submitted in writing to "The General Manager (DAS), BESCOM Integrated Control Centre-1, 24th main, 17th cross, Sector-2, HSR Layout, Bangalore-560102" or by email to "gmdas@bescom.co.in" on or before the date and time as mentioned in the KPP platform.

c) A pre-bid meeting shall be held on 12.12.2024 at 11:00 Hours. All the interested bidders who require clarifications on any aspect of this Request for Proposal (RFP), shall submit the queries on or before 12.12.2024 11:00 Hours.

d) The queries shall be dealt at any time prior to the deadline for submission of the bid (technical and financial proposals) or extended date, if deemed necessary, BESCOM reserves the right to add/modify/delete any portion of this document by issuing an

amendment. The amendment will be issued in KPP portal and such amendment will be binding on the bidders.

e) Letters seeking clarifications received subsequent to the mentioned date will not be entertained. Interested Bidders may also submit online queries through the KPP platform and need to mention their firm credentials along with online queries.

f) Verbal clarification and information given by BESCOM or its employee(s) or its representative(s) shall not in any way be binding on BESCOM.

g) The Bids invited are to be submitted through Electronic Mode only. The Bid Notification and the Bidding Documents are available on website https://kppp.karnataka.gov.in. The Bidders can download the tender documents from the KPP portal (www.kppp.karnataka.gov.in) from **02.12.2024, 16:00hrs** onwards (free of cost), last date & time for submission of queries is **12-12-2024 Up to 11:00hrs**, last date & time for submission of Bid is **01.01.2025 Up to 16:00hrs** and the techno commercial bid will be opened on **03.01.2025, 11:00hrs** onwards. In addition, when submitting bids via the KPP portal, an KPP tender processing fee must be paid on the KPP portal https://kppp.karnataka.gov.in.

6. TENDER PROCESSING FEE AND EARNEST MONEY DEPOSIT DECLARATION

a) Tender processing Fee means the non-refundable fee specified by the competent authority (e-Governance) to be paid by the individual Bidder for participation in tenders floated on the Karnataka Public procurement portal.

b) Bids shall be accompanied by Tender Processing Fee, for an amount as mentioned in the KPP platform and EMD for an amount as indicated under shall be paid through any of the four e-payment modes mentioned in the KPP Portal.

The EMD for the tender shall be Rs 15,00,000/- (Rupees Fifteen Lakhs only).

c) Permanent EMD holders (if any) for Turnkey Projects with BESCOM are **Not exempted** from paying the EMD amount. **PEMD HOLDERS SHOULD ALSO pay EMD amount**.

d) **E-payment modes for Tender Processing Fee and Earnest Money Deposit**

The supplier/contractor should pay the Tender Fee in the KPP portal using any of the following payment modes:

- Credit Card
- Direct Debit
- National Electronic Fund Transfer (NEFT)
- Over the Counter (OTC)

i. CREDIT CARD PAYMENT METHOD

To pay the tender processing fee through your credit card, click on the “Credit Card (Online Payment)” option.

If you choose to pay the fees later click on “Close” button. Click Pay after verifying details on the screen that appears.

Click on “Pay” button to proceed with payment process.

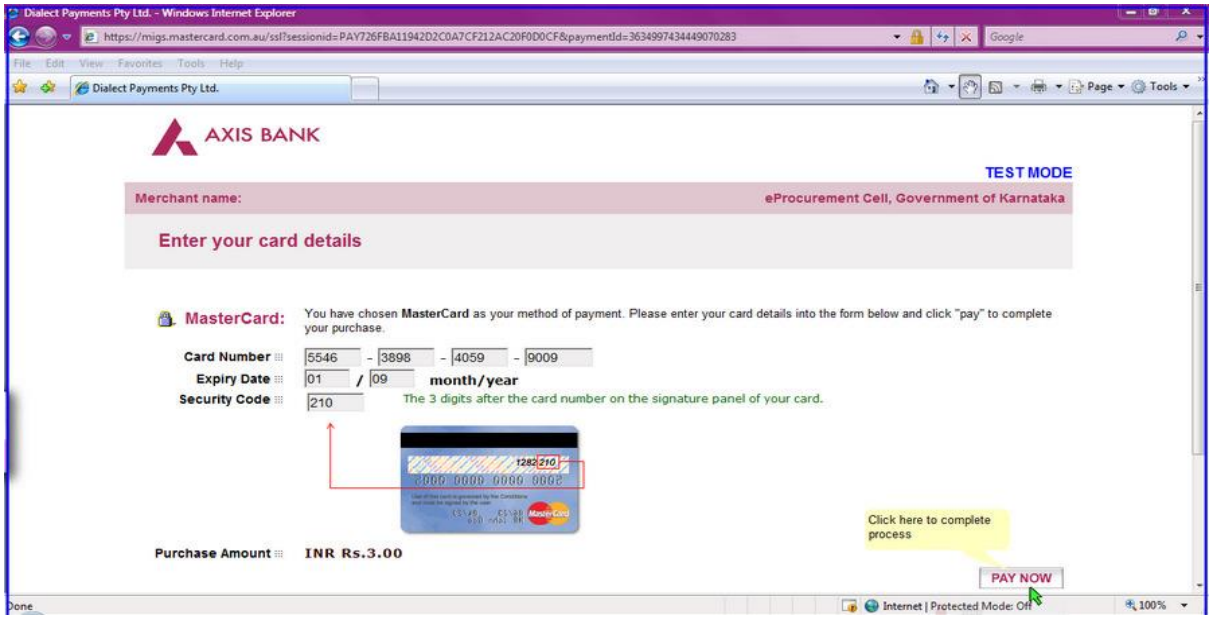
Click “Back” if you wish to choose a different payment method.

Click on “OK” button on the payment method

Confirmation window that is displayed. You will choose your card type (VISA, master Card).

You enter your credit card details.

Card Details completely filled.


Dialect Payments Pty Ltd. - Windows Internet Explorer
AXIS BANK
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Merchant name:
eProcurement Cell, Government of Karnataka
Enter your card details
MasterCard:
You have chosen MasterCard as your method of payment. Please enter your card details into the form below and click "pay" to complete your purchase.
Card Number
5546 - 3898 - 4059 - 9009
Expiry Date
01 / 09 month/year
Security Code
210
The 3 digits after the card number on the signature panel of your card.
Purchase Amount
INR Rs.3.00
Click here to complete process
PAY NOW

The screen will look like it is shown above when you have completely filled the card details.

Click on "PAY NOW" button to effect the payment. Your card details are verified by the payment gateway service and you will receive confirmation of payment debited to your card account if the card is valid. If the card is not valid you will receive alert about it and system will wait for you to correct any errors in the card details provided by you.

A successful transaction message is displayed.

ii. DIRECT DEBIT METHOD

Click on "Direct Debit Using Internet Banking (Online Payment) option to pay from your bank account through Internet Banking facility.

Click on "Pay" to proceed or "Back" to change the payment method on the Payment details screen.

Click on "OK" on the confirmation window to effect the payment. Click on "Cancel" and then on "Back" to change the payment method.

You will information on your screen about successful completion of payment process.

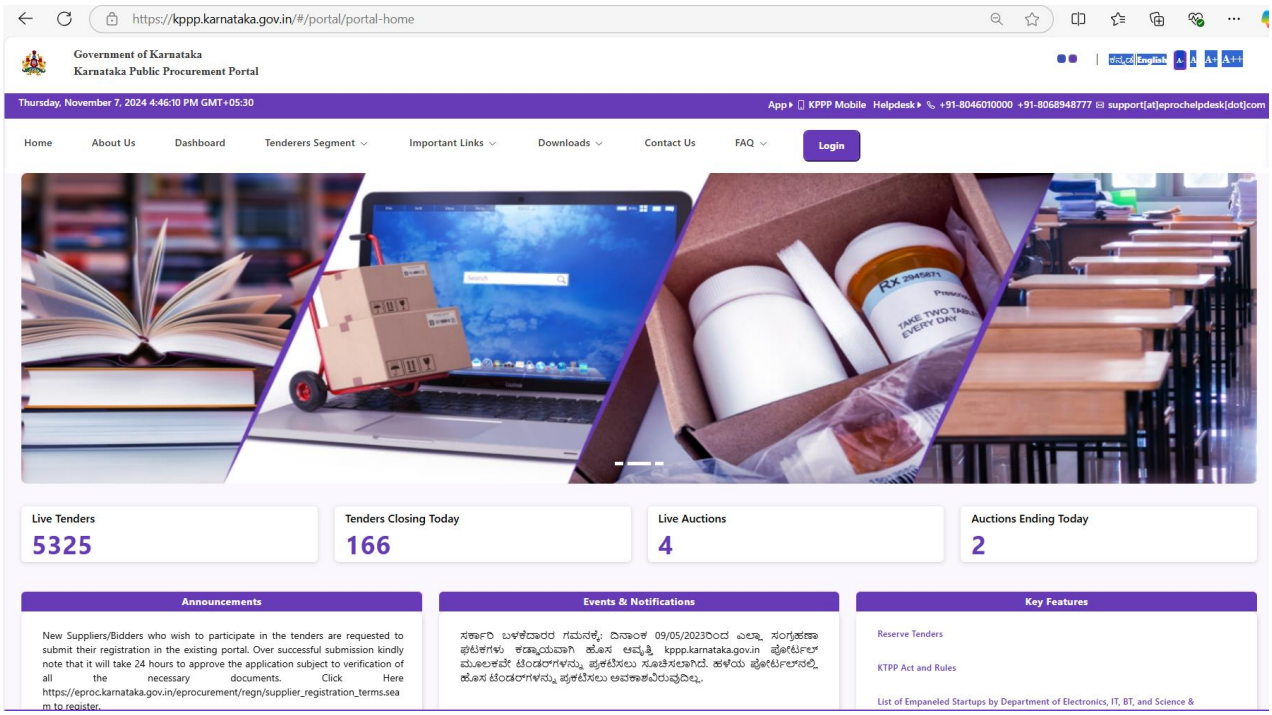
iii. OTC PAYMENT PROCEDURE

If a contractor/supplier chooses to make payment of EMD/tender processing fees Over The Counter (OTC) in any of the designated ICICI Bank branches listed in the KPP website (https://www.kppp.karnataka.gov.in) the contractor/supplier will need to log into KPP system, access the tender for which bid is being created and then select the OTC option under the payment section and print the Challan shown in that section. The printed challan will have the unique bid reference number and the amount to be remitted. Along with the challan, contractor can choose to make the payment either in the form of cash or in the form of Demand Draft. Cheque payments will not be accepted. The contractor is requested to specifically inform the bank officer to input the unique bid reference number printed in the challan in the banking software. Upon successful receipt of the payment, the bank will provide a 16-digit reference number acknowledging the receipt of payment. This 16-digit reference number has to be entered by contractor in the payment section of its bid as payment confirmation before the bid is submitted (i.e.) as a pre-requisite for bid submission.

iv. NEFT PAYMENT PROCEDURE

If a contractor/supplier chooses to make payment of EMD/tender processing fees using Reserve Bank of India's (RBI) National Electronic Fund Transfer (NEFT) system, the contractor/supplier will need to log into KPP system, access the tender for which bid is being created and then select the NEFT option under the payment section and print the Challan shown in that section. The printed challan will have the unique bid reference number, account details of Government of Karnataka and the amount to be remitted. The contractor has to submit the printed challan to its bank-branch (NEFT-enabled) and request for an account-to-account transfer, wherein the money will get transferred from the contractors' bank account to GoK's bank account. The contractor should ensure that NEFT transfer instructions are executed and the funds are wired to the Government of Karnataka's principal account before the last date for bid submission and preferably 24 hours before the last date for bid submission. If the contractor's bank transfers/wires the money after the last date for bid submission, the contractor's bid will be liable for rejection. Upon executing the transfer, the contractor's bank will provide a reference number generated by NEFT software as confirmation of transfer, which has to be inputted by contractor in the payment section of its bid as payment confirmation before the bid is submitted (i.e.) as a pre-requisite for bid submission. Also, the account number from which the funds were transferred have to be inputted in the KPP system as part of its bid.

For details on e-Payment services refer to KPP portal for more details on the process**.**



Note: In KPP Portal Contractor has the option of withdrawing the Bid by digitally signing to withdraw/cancel bid before the bid submission time /Date.

7. BID DETAILS

a) Bids shall be submitted in two parts viz., (1) Techno -Commercial Bid and (2) Price Bid both on Electronic Mode only. **Manual bids will not be accepted.**

b) Separate document Files have been specifically created for uploading the qualifying documents. These Qualifying documents are to be uploaded to the respective files only,

IF ANY OF DOCUMENTS ARE UPLOADED TO THE FILE OTHER THAN THE SPECIFIED FILES, SUCH DOCUMENTS WILL NOT BE CONSIDERERD FOR EVALUATION. If any of the documents are not applicable to a particular Bidder, then such Bidders have to upload a document stating "Not Applicable". The other documents, if any, which needs to be uploaded by the Bidder for which *No specific files* have been created to substantiate or to meet the requirements of the Bids, such additional documents may be uploaded in the folder named as "Additional Documents" in the KPP portal.

c) Bidders can upload the bids on to KPP portal before **16:00 Hrs of IST on 01.01.2025.**

d) The Techno- Commercial Bids will be opened at **11:00 Hrs of IST on 03.01.2025.**

e) The Price Bids of Bidders whose Techno-Commercial Bids are found Responsive, will be opened at a later date under intimation to the Qualified Bidders, either by regular mail or by e-mail.

f) **Note:** Price Bids of Non - Responsive Bidders will not be opened.

g) The Bidders shall provide proof of their credentials in support of their Technical capacity, Financial Strength and Past Experience.

h) **Bangalore Electricity Supply Company Limited** takes no responsibility for delay, due to any cyber or any other computer related problems or postal delay. Further, BESCOM reserves the right to reject any or all the Bids without assigning any reasons thereof and shall bear no liability whatsoever consequent upon such a decision.

8. IMPORTANT INFORMATION

i) Bidders shall note that BESCOM may not award the work to successful bidders, even if it quoted lowest (L1), if in opinion of BESCOM based on its experience the firm may not perform well in execution of work and may delay in execution because of its capability and existing works on hand.

ii) In the event of the information, furnished by the bidders, is found to be false at any stage of tendering, BESCOM at its discretion may take action against such Bidders by disqualifying the offer of such Bidders and black list the firm. In the event of information furnished by Bidder is found to be false during the execution stage, then BESCOM at its liberty may take action to cancel the works awarded besides forfeiting the performance guarantee executed against the contract and may black list the firm and recover the losses.

iii) If after negotiations, no award has been given to other bidders, then BESCOM reserves the right to take appropriate decision regarding the award.

iv) BESCOM reserves the right to reject any or all of the bids, without assigning any reason thereof.

Notwithstanding anything stated above or elsewhere in the Tender specifications, BESCOM reserves right to assess the Capability/suitability of the Bidder to perform the overall Contract should be the circumstances warrant such assessment in the overall interest of BESCOM.

BESCOM reserves its right to vary or modify any of the tender condition for reasons to be recorded, in case it becomes necessary.

-Sd/-
General Manager (Ele.)
DAS, BESCOM